



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/585,316	06/02/2000	Larry J. Broadhurst	A7743	3097

7590 12/10/2003

Sughrue Mion Zinn MacPeak & Seas PLLC
2100 Pennsylvania Avenue N W
Washington, DC 20037-3213

EXAMINER

JAROENCHONWANIT, BUNJOB

ART UNIT	PAPER NUMBER
----------	--------------

2143

DATE MAILED: 12/10/2003

7

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/585,316

Applicant(s)

BROADHURST ET AL.

Examiner

Bunjob Jaroenchonwanit

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 June 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 June 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Information Disclosure Statement

1. The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609 A (1) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the examiner has cited the references on form PTO-892, they have not been considered. Applicant incorporated documents in the specification, merely referred to web site address without providing specific information in this regard. Examiner has requested the documents in the previous communication under 35 C.F.R. § 1.105. However, applicant was unable to provide such documents. Hence, the incorporated documents have not been considered.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 23 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

4. Claim 23 recites the limitation "the proposed SLD" in line 2. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

Art Unit: 2143

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1, 3-12, 14, 16-25, 27-39 and 41 are rejected under 35 U.S.C. 102(e) as being anticipated by Broadhurst (US 6,506,634).

7. As to claim 39, Broadhurst discloses a method for automatic searching domain name comprising:

Displaying a website session on a user's computer; Inputting a proposed "domain name" from said user into said computer as instructed by said website session (abstract, input domain name field, field Fig.5A-6B; Col. 5, line 28-Col.6, line 67);

Display on website session, more than ten ccTLD from different countries in which the domain name is available for register (Fig. 6A);

Allowing user to select/deselect among available ccTLD (Col. 6, lines 51-57);

Inputting user personal data from user as instruct by said website session, the selected ccTLD for registration and user payment information (Fig. 6C).

8. As to claims 1 and 14, in addition to the aforementioned in paragraph 4, Broadhurst further discloses template for registration appropriated to the ccTLD (Fig.5A-7).

9. As to claims 27 and 33, in addition to the aforementioned in paragraphs 4-5, Broadhurst discloses search mechanism dividing search into batch, assigning to a search thread (spawn a

number of search sub-process, spawned a separate section of query, Col. 5, line 14- Col. 6, line 43).

10. As to claims 3 and 16, Broadhurst discloses providing an option to select all of the available ccTLD (Fig. 6A).

11. As to claims 4 and 17, Broadhurst discloses providing indication of unavailable ccTLDs (Fig. 6A).

12. As to claims 5-6 and 18-19, Broadhurst discloses a search request in represented by thread from thread pool (search thread and thread pool is required multitudes of searched simultaneously, spawning and parallel search to multiple DNS, thereby search thread and threads pool is inherent, abstract, Col. 4, lines 2-22; Col. 5, line 27-Col. 6, line 9).

13. As to claims 7, 20, 28 and 34, Broadhurst discloses search threads are defined as objects in object oriented data model (Col. 7, lines 9-26).

14. As to claims 8, 21, 29 and 35, Broadhurst discloses pool of search threads has a fixed number of search threads (Broadhurst teaches fix threads' number, e.g., sub-process for 50 GDP countries is 5 threads, Col. 5, lines 28-64).

15. As to claims 9, 22, 30 and 36, Broadhurst discloses pool of search threads has an adjustable number of search threads (Broadhurst teaches threads' number can be varied upon number of domains to be searched, at most 11 domains per sub-process or thread, Col. 5, lines 28-64).

16. As to claims 10, 23, 31 and 37, Broadhurst discloses dividing SLD searching into sub searches (Broadhurst teaches dividing domain name search, e.g., Mercedes, into sub-process, Col. 5, lines 28-64).

17. As to claims 11, 24, 32 and 38, Broadhurst discloses search threads individually return the results of sub-searches during the session so that the users is kept apprised of the progress of said search (Col. 6, lines 15-43).

18. As to claims 12, 25 and 41, Broadhurst discloses entire method in claims 1, 14 and 39 require a user to engage a single session (conventionally, web session is terminated after a server response to a client request, Fig. 4, clearly shown that session end after server format and display result to its client).

19. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

20. Claims 2, 15 and 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Broadhurst as applied to claims 1, 14 and 39, in view of Fellman (US 2002006590).

21. As to claims 2, 15 and 40, Broadhurst discloses the invention substantially, as discussed in their independent claims above, but fails to explicitly disclose multiple proposed domain names at the same time. However, proposing multiple domain names for registration or searching was no novelty, Fellman, in an analogous art allow user to register up to 5 domains in one submission (Fellman, Fig. 3). Thus, expanding of Broadhurst by including a plurality of data entry fields for facilitating multiple domain names, input from a user would have been obvious to one of ordinary skill in the art at the time of the invention was made, with the motivation of expeditiously registration (Fellman Fig. 4, Quick check 5 at the time).

Art Unit: 2143

22. Claims 13, 26 and 42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Broadhurst as applied to claims 1, 14 and 39.

23. As to claims 13, 26 and 42, Broadhurst discloses the invention substantially as claimed, in their independent claims above, but fails to explicitly disclose park and return feature.

Official Notice is taken (see MPEP 2144.03) park and return feature was notoriously well known in the art at the time of the invention was made. The features were widely used for registration process in the art.

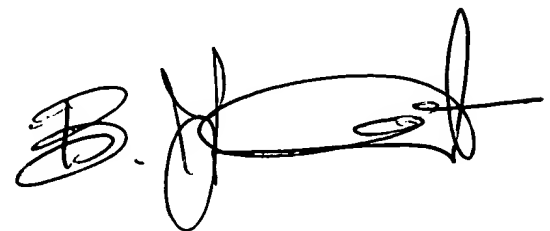
Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention was made that to expand Broadhurst's teaching with the well-known features, with the motivation of simplifying system's utility, enhancing system's flexibility and user's friendly.

24. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bunjob Jaroenchonwanit whose telephone number is (703) 305-9673. The examiner can normally be reached on 8:00-17:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on (703) 308-5221. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3800.

/bj
12/4/03

A handwritten signature in black ink, appearing to read 'B. Jaroenchonwanit', with a long horizontal flourish extending to the right.

**BUNJOB JAROENCHONWANIT
PRIMARY EXAMINER**